U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

02270	
704	

Country

Name (Print/Type)

Hung H. Bui

UTILITY PATENT APPLICATION

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number 501.43488X00 Attorney Docket No. TANAKA, MASAHIRO First Inventor

TIKANSIVII I I AL			THEREOF				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	il Label No.						
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450						
1. Eee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages: 101] (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix		Com 8. Nucleotide fif applicab. a. Com b. Specificat i	ROM or CD-R in duplicate, large table or aputer Program (Appendix) and/or Amino Acid Sequence Submission lee, all necessary) puter Readable-Form (CRF) ion Sequence Listing on:  CD-ROM or CD-R (2 copies); or  paper ements verifying identity of above copies				
-Background of the Invention -Brief Summary of the Invention		A(	CCOMPANYING APPLICATION PARTS				
-Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets: 10]  5. Oath or Declaration [Total Sheets: 4] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)  6. Application Data Sheet. See 37 CFR 1.76		10. 37 C (whe  11. Eng  12. Infor  Stat  13. Prel  14. Retu (Sho  (Sho  16. Non  (b)(2  or it:	gnment Papers (cover sheet & documents(s))  FR 3.73(b) Statement Power of Attorney en there is an assignee)  lish Translation Document (if applicable) rmation Disclosure Copies of IDS Citations ement (IDS)/PTO-1449 iminary Amendment um Receipt Postcard (MPEP 503) build be specifically itemized) iffied Copy of Priority Document(s) briegin priority is claimed) publication Request under 35 U.S.C. 122 2)(B)(i). Applicant must attach form PTO/SB/35 is equivalent.				
18. If a CONTINUING APPLICATION, check appropriate be or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation: Examiner: Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disc	nuation-in-part	(CIP) of prior prior application, on or divisional a	application No.:  from which an oath or declaration is supplied under pplication and is hereby incorporated by reference.				
19. CC	RRESPONDE	NCE ADDRESS					
Customer Number 020457			OR Correspondence address below				
Name ANTONELLI, TERRY, STOUT & F	KRAUS, LLP						
Address		·					
Address City	State		Zip Code				

This collection of information is required by 97 CFR 1,53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(703) 312-6600

Registration No. (Attorney/Agent)

Fax

Date

(703) 312-6666

**FEBRUARY 27, 2004** 

40,415

Telephone

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

022	
704	

Under ti	he Paperwo	ork Reduction Act of 1995, no p	persons are require	ed to re	espond	to a coll	ection o	f information unles	s it displays a va	alid OMB c	ontrol number.
S FEE TO A NORMITTAL				Complete if Known							
FEE TRANSMITTAL for FY 2004			A	Application Number							
				Filing Date			February 27,	February 27, 2004			
						entor		TANAKA, MASAHIRO			
လ			_	First Named Inventor Examiner Name				I AMAINA, IIIAGAFIINO			
Effective 10/01/2003. Patent fees are subject to annual revision.											
Applicant	claims sn	nall entity status. See 37 C			rt Unit				·		
TOTAL AMO	DUNT OF	PAYMENT (\$)	896.00	A	Attorney Docket No. 501.43488X00						<del></del>
	_	PAYMENT (check all that			FEE CALCULATION (continued)						
☐ Check	□ Credit	t Card	er 🗌 None	3. A	סודומם	NAL F	EES				
□ Deposit Acceptable     □ Deposit Ac	count:										
Deposit											
Account	01	-2135		Large	Entity	Small E	ntity				5. 5
Number Deposit				Fee	Fee	Fee	Fee				Fee Paid
Account	Antonell	i, Terry, Stout & Kraus, LLP		Code 1051	(\$) 130	<b>Code</b> 2051	(\$) 65 S	Fee Descrip Surcharge – late filin			
Name	authoriza	d to: (check all that apply)						•	-		
		d below 🛛 Credit any overp	ayments	1052	50	2052		Surcharge – late pro cover sheet	or		
M 05		fac(a) during the mandancy of	this analisation	1053	130	1053			n-English specification		
区 Charge any	y additional	fee(s) during the pendency of	ина аррисацоп.	1812	2,520	1812			r filing a request for ex parte reexamination		
		d below, except for the filing leposit account.	fee	1804	920*	1804		Requesting publicati	on of SIR prior to		
to the above		EE CALCULATION		1805	1,8401	1805	1,840*1	Requesting publicati	ion of SIR after		ļ
1. BASIC F	ILING FE	E		4054	440	0054		Examiner action			
	ntity Small ee Fee	Entity Fee Fee Description		1251 1252	110 420	2251 2252		Extension for reply v		.th	
Fee Fe Code (\$			Fee Paid	1252	950	2252		Extension for reply v Extension for reply v		KI 1	
1001 7	70 2001	385 Utility filing fee	770	1253	1,480	2254		Extension for reply v		,	
	40 2002	170 Design filing fee		1255	2,010	2255		Extension for reply v		•	
	30 2003	265 Plant filing fee		1401	330	2401		Notice of Appeal			
	70 2004	385 Reissue filing fee		1402	330	2402		Filing a brief in supp	ort of an appeal		
1005   1	60 2005 l	80 Provisional filing fee		1403	290	2403		Request for oral hea			
		SUBTOTAL (1)	770	1451	1,510	1451		etition to institute a	-	eding	
2 EVERA C	NI AIM EE	ES FOR UTILITY AND RE		1452	110	2452		Petition to revive - u		-	
Z. EXIKA	PLAIIVI FE	Fee from	.1330L	1453	1,330	2453	665 F	etition to revive – unintentional			
Extra Claims below Fee Paid			ee Paid	1501	1,330	2501	665	Jtility issue fee (or r	ility issue fee (or reissue)		
Total Claims 8	3 -20 <b>**</b>	= 0 x =		1502	480	2502	240 I	Design issue fee			<u> </u>
Indep. 4	4 -3**	= 1 x 86 =	86	1503	640	2503	320 I	Plant issue fee			
Claims		1406	130	1460	130 I	Petitions to the Com	titions to the Commissioner				
Multiple Dependent =			1807	50	1807		•	ocessing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity   Fee   Fee		1806	180	1806			bmission of Information Disclosure Stmt				
Code (\$)	Code (\$) 2202 9	Claims in excess of 20		8021	40	8021		Recording each pate property (times num			40.00
			1809	770	2809	385 I		ing a submission after final rejection			
			1810	770	2810	385	For each additional	invention to be			
		43 ** Reissue independent claims over original patent							amined (37 CFR § 1.129(b))		
1205 18	2205 9	** Reissue claims in exces and over original pater		1801	770	2801		Request for Continu		RCE)	
SUBTOTAL (2) \$ 86.00		1802	900	1802		Request for expedite of a design applicati					
' ' ' '			Other	fee (spe	cify)						
**or number previously paid, if greater: For Reissues, see above.			ł		Basic Fili	ng Fee F	Paid	SUBTOTAL (	3) (\$)	40.00	
40.00							1 40.00				
SUBMITTED BY				Registr:	Complete (if applicable)						
				legistration No. Attorney/Agent) 40,415 Telephone 703-3				703-312-6	600		
Signature 41 4.									Data	Fab 27 2	2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450